



**Dynamic Solutions**  
INTERNATIONAL



# DSI4100 Series

## **DSI automated tape libraries offer the most advanced backup and archive capabilities.**

As data needs are increasing at a staggering rate and regulations require that data be kept long term, IT managers have to make tough decisions. DSI recognizes that companies need to do more with less. The DSI4100 Series offers tape library solutions from 80 to 560 cartridges and up to 8.5 PB compressed capacity (max.). The DSI4100 Series was designed for IT offices with limited space and resources. The DSI4100 series offers reliable backup, and disaster recovery.

## **Scalable**

The DSI4100 series supports LTO7 (DSI4118) drives. The scalable design allows you to customize your backup solution starting from a 6u, 80-slot, single drive library up to as many as 560 slots and 42 tape drives. The seamless design allows you to grow incrementally with your data, there is no need to be able to estimate your data growth five years into the future.

The effortless expansion occurs by connecting additional 6u models for up to 7 in a 42" rack. With DSI's expert knowledge and experience installation and configuration will be seamless for your environment.

## **Simple**

DSI understands that data storage can be a complex and costly endeavor. The DSI4100 Series provides a simple solution that reduces your need for administrative cost, while securing data in the most efficient way possible. The web-based remote management allows easy and convenient control from anywhere in the world. The DSI4100 Series allows you to add, remove, or replace tapes with ease.

## **Affordable**

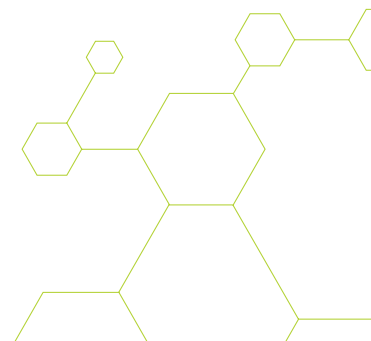
The DSI4100 Series delivers an affordable purchase price as well as long-term cost of ownership benefits. The intuitive features allow you to spend less time managing your archive backup, which reduces the administrative cost. Plus, the peace of mind knowing that your data is archived and accessible is priceless.

Contact a DSI sales representative at [sales@dynamicssolutions.com](mailto:sales@dynamicssolutions.com) for more information.

THE **DSI4100**  
SERIES OFFER TAPE  
LIBRARY SOLUTIONS  
FROM 80 CARTRIDGES  
AND UP TO 1.2 PB  
COMPRESSED CAPACITY.

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**DSI4118-F80**

- Capacity ranging from 1.2 PB to 8.5 PB
- Data transfer rates ranging from 16.3 TB/hr. to 114 TB/hr.
- 6u form factor
- Scales up to 560 slots and 42 tape drives
- Removable cartridge magazines
- Support for Overland Storage LTFS solutions

CONFIGURATION	DSI4118-F80	DSI4100 Expansion
# of cartridge slots	80	80
# of mail slots	Up to 10	Up to 10
# of tape drives	Up to 6 HH	Up to 6 HH
Tape drive types supported	LTO7	LTO7
max. # of modules supported	1 base + 6 expansions	1 base + 6 expansions
max. # of cartridge slots*	n/a	560
max. # of tape drives*	n/a	Up to 42 HH
<b>CAPACITY (native/compressed)</b>	<b>LTO7</b>	<b>LTO7</b>
max. native capacity per module	480 TB	480 TB
max. compressed capacity per module	1.2 PB	1.2 PB
max. native capacity - fully scaled	n/a	3.4 PB
max. compressed capacity - fully scaled	n/a	8.5 PB
<b>PERFORMANCE (native/compressed)</b>		
max. native data transfer rate per module	6.5 TB/hr.	6.5 TB/hr.
max. compressed data transfer rate per module	16.2 TB/hr.	16.3 TB/hr.
max. native data transfer rate - fully scaled	n/a	45.5 TB/hr.
max. compressed data transfer rate - fully scaled	n/a	114 TB/hr.
	<b>LTO7</b>	<b>LTO7</b>
<b>INTERFACES</b>	8 Gb FC	8 Gb FC
<b>DIMENSIONS</b>		
H x W x D	10.6" x 18.7" x 35.1" 268mm x 475mm x 892mm	10.6" x 18.7" x 35.1" 268mm x 475mm x 892mm
Rack height	6u per module	6u per module; 42u max.
Weight (packaged)	121 lbs. / 54.5 Kg	100 lbs. / 50.0 Kg
<b>RELIABILITY</b>		
MCBF (mean cycles between failures)	>2,000,000	>2,000,000
MTTR (mean time to repair)	<10 minutes	<10 minutes
<b>ENVIRONMENTAL</b>		
Operating temperature	5° to 40°C	5° to 40°C
Operating humidity	10% to 80% RH non-condensing	10% to 80% RH non-condensing
Voltage/Frequency	100 - 240 V; 50/60 Hz	100 - 240 V; 50/60 Hz
Power	350 watts	350 watts

Visit us at [DynamicSolutions.com](http://DynamicSolutions.com) or call +1 303.754.2000  
to speak directly with a storage systems specialist.



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